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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/673,764	09/26/2003	Larry J. Castleman	SHA-129	2483	
22855	7590 10/06/2004		EXAM	EXAMINER	
RANDALL J. KNUTH P.C.			PEAVEY,	PEAVEY, ENOCH E .	
	ELLHORN ROAD NE, IN 46815-4631		ART UNIT	PAPER NUMBER	
	,		3676		
			DATE MAILED: 10/06/2004	DATE MAILED: 10/06/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Application No. CASTLEMAN, LARRY J.		•						
Examinar			Application No.	Applicant(s)				
Enoch E Peavey 3076			10/673,764	CASTLEMAN, LARRY J.				
The MAILING DATE of this communication appears on the cover sheet with thre correspondence address → Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>03</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Edutations of time may be available under the provisions of 3 CFR 1.138(a). In no event, however, may a reply be limitely filed control of the period for reply specified above is less than 15th (20) days, a reply within the situation replace in the period for reply specified above is less than 15th (20) days, a reply within the situation replace in the period for reply specified above is less than 15th (20) days, a reply within the set or extended period for reply with by seating period will applie St (9) MONTH's from the maining date of this communication. Period of the period for reply specified for reply specified by the considered period for reply with the set or extended period for reply with the set or extended period for reply with the set of extended period for reply with the set of extended period for reply with the set of extended period for reply within the set of extended period of the set of the period of the set of the set of the set of the period of the set of the se		Office Action Summary	Examiner	Art Unit				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 23 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a reply be timely filed. Extensions of time may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a reply be timely filed. Extensions of time may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a reply be timely filed. Extensions of the provision and the provisions of 37 CFR 1.35(a) and the statuture printinum of thinty (39) days will be considered timely. If No period for reply is specified above, the maximum statutory period will apply and till acpire SIX (6) MONTHS from the maining date of this communication. Provision of the provision of the provision of the communication of the								
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE @ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be waitable under the provisions of 37 CFR 1.15(8), in no event, however, may a reply be timely filed Extensions of time may be waitable under the provisions of 37 CFR 1.15(8), in no event, however, may a reply be timely filed If the period for reply specified above is less than thirty (30) days, a reply within the statutory priority with the making date of this communication. Failure to reply within the stat or carended parior for reply will, by attailure, ocasie the application to become ARANDONED (39 U.S. § 133). Failure to reply within the stat or carended parior for reply will be statuted by reply will be addition to become ARANDONED (39 U.S. § 133). Status 1) Responsive to communication(s) filed on 26 September 2003. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-49 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1-49 is/are pending in the application. 4a) Claim(s) 1-49 is/are pending in the application. 6) Claim(s) 1-49 is/are allowed. 6) Claim(s) 1-49 is/are pending in the application. Application Papers 9) The specification is objected to. 8) Claim(s) 3-49 is/are replected. 7) Claim(s) 1-49 is/are objected to restriction and/or election requirement. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.86(a). Replacement drawing sheet(s) including the cornection is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The odr or declaration is objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.121(d). 11) All								
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Application/Control Number: 10/673,764

Art Unit: 3676

DETAILED ACTION

Claim Rejections - 35 USC § 102

I. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- A. Claims 1-49 are rejected under 35 U.S.C. 102(b) as being anticipated by Stoll et al., US No. 5,165,700 ("Stoll").
- i. Stoll discloses a cartridge seal assembly (Fig. 6), comprising: a housing having a channel space (42) formed therein to define an inner surface; a bearing device (44) joined to said housing at the inner surface thereof and having at least one bearing surface (Fig. 6); and at least one seal joined to said housing, at least one of said at least one seal (9) being disposed generally axially of at least part of said bearing device.
- ii. The bearing device and/or at least one of said at least one seal being bonded to said housing (Fig. 6).
- iii. The bearing device (44) being fixedly mounted to said housing (3).
- iv. The joining relationship between said bearing device and said housing being defined by a substantially gap-free interface (Fig. 6).
- v. The joining interface between said housing and said bearing device being substantially free of extrusion gaps.

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vi. The at least one seal (24) further includes: a first generally annular seal disposed at one axial side of said bearing device, said first seal including at least one static sealing area (near 9) and/or at least one dynamic sealing area (9, contacting the shaft).

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vii. The at least one seal further includes: a second generally annular seal (24) disposed at another axial side of said bearing device, said second seal including a wiper element (17).

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II. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Enoch E Peavey whose telephone number is 305 1977.

The examiner can normally be reached on Mon-Fri 8:00 am to 4:30 am.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

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supervisor, Judy Swann can be reached on (703) 306-4115. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Enoch E Peavey

September 30, 2004